

CFILE Request for Corrected Filing Receipt	PEFRSEQ Pre-Exam Formalities Sequence Reply	ACPA Continuing Prosecution Application	
IFEE Issue Fee Transmittal PTOL 85 B	CRFD Computer Readable Form Defective	AF/D Affidavit or Exhibit Received	
PEFR Pre-Exam Formalities Response	CRFE Computer Readable Form 'ENTERED'	AP.B Appeal Brief	
PEFRREISS Pre-Exam Formalities Reissue Response	CRFL CRF Transfer Request	C680 Request for Corrected Notice/Allowance	
A… Amendment Including Elections	CRFS Computer Readable Form Statement	COCIN Papers filed re: Certificate of Corrections	
A.NA Amendment after Notice of Allowance	SEQLIST Sequence Listing	EABN Request for Express Abandonment	
A.NE. After Final Amen <b>dment</b>	EARLYPUB Request for Early Publication	IRFND Refund Request	
A.PE Preliminary Amendment	PGEA Req Express Aband to Avoid Publication	L_RIN Any Incoming L&R	
REM Applicant Remarks in Amendment	PGA9 Req for Corrected Pat App Publication	N/AP Notice of Appeal	
ELC. Response to Election/Restriction	PGREF Req for Refund of Publication Fee Paid	N417 Copy of EFS Receipt Acknowledgement	
RCEX Request for Continued Examination	PGPUB DRAWINGS Box PG Pub Drawings	PROTEST Protest Documents Filed by 3rd Party	
SPEC Specification	RESC Rescind Non-Publication Request	PROTRANS Translation of Provisional in Nonprov App	
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CLM Claim	XT/ Extension of Time filed separate	C.AD Change of Address	
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Claim ABST	XT/ Extension of Time filed separate 371P	 Change of Address PA	
Claim ABST Abstract DRW	XT/ Extension of Time filed separate 371P PCT Papers in a 371P Application	Change of Address PA Change in Power of Attorney PC/I	
Claim ABST Abstract DRW Drawings OATH	XT/ Extension of Time filed separate 371P PCT Papers in a 371P Application IDS IDS including 1449 FOR	Change of Address  PA Change in Power of Attorney  PC/I Power to Make Copies or to Inspect  PET.	
Claim  ABST  Abstract  DRW  Drawings  OATH  Oath or Declaration  ADS	XT/ Extension of Time filed separate  371P PCT Papers in a 371P Application IDS IDS including 1449 FOR Foreign Reference NPL	Change of Address  PA Change in Power of Attorney  PC/I Power to Make Copies or to Inspect  PET. Petition  PET.WDISS	
Claim  ABST Abstract  DRW Drawings  OATH Oath or Declaration  ADS Application Data Sheet  APPENDIX	XT/ Extension of Time filed separate  371P PCT Papers in a 371P Application  IDS IDS including 1449  FOR Foreign Reference  NPL Non-Patent Literature  FRPR	Change of Address PA Change in Power of Attorney PC/I Power to Make Copies or to Inspect PET. Petition PET.WDISS Petition to Withdraw from Issue PETDEC Petition Decision	
Claim  ABST Abstract  DRW Drawings  OATH Oath or Declaration  ADS Application Data Sheet  APPENDIX Appendix  ARTIFACT	XT/ Extension of Time filed separate  371P PCT Papers in a 371P Application  IDS IDS including 1449  FOR Foreign Reference  NPL Non-Patent Literature  FRPR Foreign Priority Papers  DIST	Change of Address  PA Change in Power of Attorney  PC/I Power to Make Copies or to Inspect  PET. Petition  PET.WDISS Petition to Withdraw from Issue	
Claim  ABST Abstract  DRW Drawings  OATH Oath or Declaration  ADS Application Data Sheet  APPENDIX Appendix  ARTIFACT Artifact  COMPUTER	XT/ Extension of Time filed separate 371P PCT Papers in a 371P Application IDS IDS including 1449 FOR Foreign Reference NPL Non-Patent Literature FRPR Foreign Priority Papers DIST Terminal Disclaimer filed L_RACK	Change of Address  PA Change in Power of Attorney  PC/I Power to Make Copies or to Inspect  PET. Petition  PET.WDISS Petition to Withdraw from Issue  PETDEC Petition Decision  LET. Miscellaneous lincoming Letter	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known **Application Number** 10/040,470 Filing Date 09-01-2002 First Named Inventor Kaoru MATSUMOTO Art Unit 2834 Examiner Name Tamai, Karl I.

(Use as many sheets as necessary) Attorney Docket Number INO-C187 Sheet

Examiner	Cite	Document Number	Publication Date	OCUMENTS  Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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	FOREIGN PATENT DOCUMENTS						
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,		
Initials*	No.¹	Country Code <sup>3</sup> 'Number <sup>4</sup> 'Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	Τ°	
		JP 2000220597	08÷08÷00				
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		JP 60204236	15-10-85				
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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Application Number 10/040.470

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First Named Inventor Kaoru MATSUMOTO

Art Unit 2834

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Sheet 2 of

Examiner Name
Tamai, Karl T
Attorney Docket Number
TNO-C187

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Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
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Initials*	No.¹	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	· T <sup>8</sup>
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First Named Inventor :: Kaoru MATSUMOTO

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Examiner Name Tamai, Karl I.

Attorney Docket Number INO-C187

(Use as many sheets as necessary)

Sheet 3 of 3 Attorney Docket

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> 'Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	<u>ا</u> ا
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